

Converting Colors

YUV(48.5620, -15.5601,
44.2341)

Have a look what the booklet for
YUV(48.5620, -15.5601, 44.2341)
contains.

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Color

**YUV(48.5620, -15.5601,
44.2341)**

Conversions

Conversions Part 1

Format	Color
Hex	631D11
RGB	99, 29, 17
RGB Percent	39%, 11%, 7%
CMY	0.6118, 0.8863, 0.9333
CMYK	0.00, 0.71, 0.83, 0.61
HSL	9°, 71%, 23%
HSV	9°, 83%, 39%
XYZ	5.6861, 3.5718, 0.9201
YIQ	48.5620, 45.5720, 11.1080

Conversions

Conversions Part 2

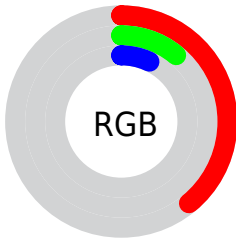
Format	Color
RYB	99, 31, 17
Decimal	6495505
CIELab	22.20, 30.89, 25.12
CIELCh	22, 39.812, 39.120
Yxy	3.5718, 0.5587, 0.3509
Android (android.graphics.Color)	4284685585 (0xFF631D11)
YUV	48.5620, -15.5601, 44.2341
Hunter-Lab	18.8993, 20.6304, 10.3432

Details

The YUV color **48.5620, -15.5601, 44.2341** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **67.4380, 15.5601, -44.2341**, and the grayscale version is **49.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **98.3840, -18.9233, 49.6522**, and **14.0530, -6.9281, 28.8945** is the 20% darker color. If you saturate the color by 10%, you get **42.7260, -17.6129, 49.3523**, and if you desaturate by 10%, it is **54.3980, -13.5072, 39.1160**.

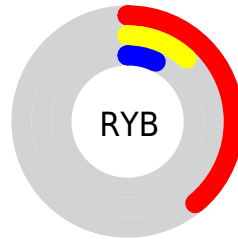
Distribution



Red (39%)

Green (11%)

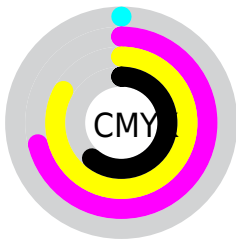
Blue (7%)



Red (39%)

Yellow (12%)

Blue (7%)

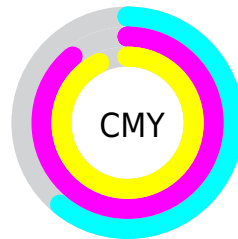


Cyan (0%)

Magenta (71%)

Yellow (83%)

Black (61%)



Cyan (61%)


Magenta (89%)


Yellow (93%)


Brightness & Saturation Gradients


These gradients show how the YUV color 48.5620, -15.5601, 44.2341 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 48.5620, -15.5601, 44.2341 by changing the saturation by 10% instead.


 48.5620, -15.5601,
44.2341


 48.5620, -15.5601,
44.2341

 253.5180, -5.6784,
1.2997


 23.2890, -11.4815,
42.7195


 98.3840, -18.9233,
49.6522

 14.0530, -6.9281,
28.8945

 124.3520,
-20.3865, 52.3113

 0.0000, 0.0000,
0.0000

 151.1350,
-21.2656, 54.2556

 178.2170,
-22.2920, 56.8147

 200.6180,
-20.5177, 47.6930

 220.1320,

-16.8271, 30.5792

■ 240.3470,
-12.9891, 12.8507

■ 48.5620, -15.5601,
44.2341

■ 48.5620, -15.5601,
44.2341

■ 42.7260, -17.6129,
49.3523

■ 54.3980, -13.5072,
39.1160

■ 37.8190, -18.6448,
53.6557

■ 60.8210, -11.7438,
33.4830

■ 66.6570, -9.6909,
28.3648

■ 73.0800, -7.9274,
22.7318

■ 78.9160, -5.8746,
17.6137

■ 85.2250, -4.5479,
12.0807

■ 91.0610, -2.4951,
6.9625

■ 97.4840, -0.7316,
1.3295

■ 103.3200, 1.3212,
-3.7886

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



46.5040, -0.7415, 51.3010



48.5620, -15.5601, 44.2341



50.6450, -24.9680, 28.3753

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



48.5620, -15.5601, 44.2341



41.6890, -5.2697, -36.5613



44.4660, 33.2943, -38.9967

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



48.5620, -15.5601, 44.2341



67.4380, 15.5601, -44.2341

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



48.8200, 29.6687, -42.8151



48.5620, -15.5601, 44.2341



45.8100, 7.9817, -40.1754

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



48.5620, -15.5601, 44.2341



43.2820, -21.3380, -16.0333



48.4150, 20.5014, -42.4600



54.7880, 21.7965, 8.9559

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



48.5620, -15.5601, 44.2341



50.5570, -24.9246, 14.4205



48.4150, 20.5014, -42.4600



46.3410, 32.8629, -40.6411

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



48.5620, -15.5601, 44.2341



107.9160, -5.8746, 17.6137



49.6120, 18.9253, 43.3133



51.8550, -3.3795, 10.6512



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



48.5620, -15.5601, 44.2341



50.1260, -24.2191, 68.2955



72.0420, -27.1357, 23.6422



45.1960, -0.5896, 2.4591



42.8800, -21.1398, 60.6182



92.3050, -45.5064, 129.5285

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



67.4380, 15.5601, -44.2341



78.8740, 24.2191, -68.2955



43.9580, 27.1357, -23.6422



46.8040, 0.5896, -2.4591



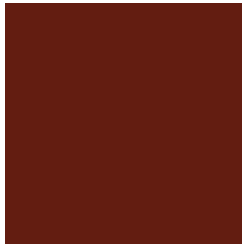
69.1200, 21.1398, -60.6182



147.6950, 45.5064, -129.5285

Previews

White Background



This preview shows how the YUV color 48.5620, -15.5601, 44.2341 looks on a white background.

Color Contrast Check

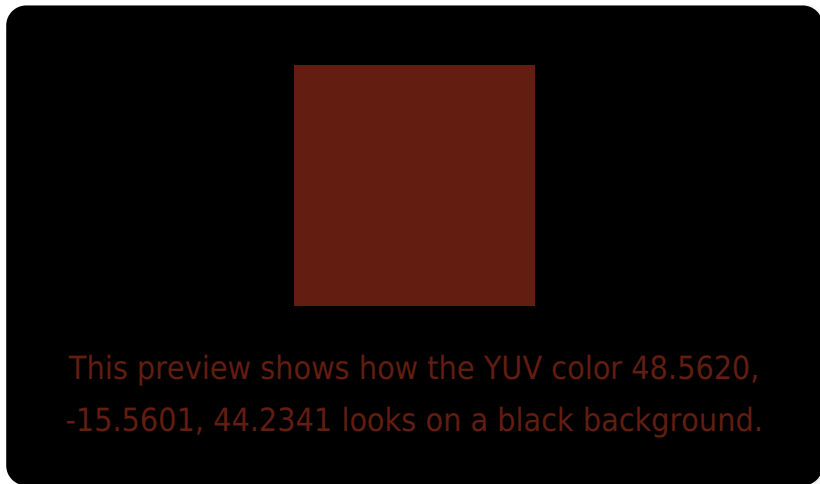
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

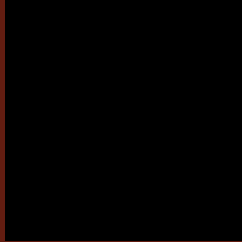
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 48.5620, -15.5601, 44.2341

Background



This preview shows how black text looks on a background with the YUV color 48.5620, -15.5601, 44.2341.

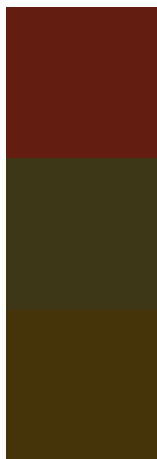


This preview shows how white text looks on a background with the YUV color 48.5620, -15.5601,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

48.5620, -15.5601, 44.2341

Protanopia

53.2600, -14.4252, 6.7880

Deuteranopia

52.1810, -21.2882, 14.7503



Tritanopia

49.3430, -10.0291, 43.5492

Trichromacy



Original Color

48.5620, -15.5601, 44.2341

Protanomaly

51.8210, -15.1948, 20.3280

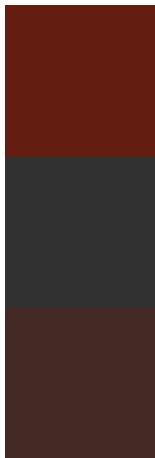
Deuteranomaly

51.1160, -19.2842, 25.3313

Tritanomaly

48.8870, -11.7763, 43.9491

Monochromacy



Original Color

48.5620, -15.5601, 44.2341

Achromatopsia

49.0000, 0.0000, 0.0000

Achromatomaly

48.9050, -5.8692, 15.8693

CSS Examples

Text

The CSS property to change the color of the text to YUV 48.5620, -15.5601, 44.2341 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(99, 29, 17)` looks like.

```
.text, #text, p{  
    color:rgb(99, 29, 17)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(99, 29, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 29, 17) }
```

Border

The CSS property to change the border of an element to YUV 48.5620, -15.5601, 44.2341 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(99, 29, 17) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(99, 29, 17) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(99, 29, 17) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 29, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 29, 17);  
box-shadow:4px 4px 4px 4px rgb(99, 29, 17)  
}
```

Background

The CSS property to change the background color of an element to YUV 48.5620, -15.5601, 44.2341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 29, 17) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(99, 29,  
17) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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